



13146 U.S. PTO

PTO/SB/17 (11-01)

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FEE TRANSMITTAL for FY 2003		Complete if Known	
Effective 01/01/2003. Patent fees are subject to annual revision.		Application Number	Unknown
		Filing Date	December 3, 2003
		First Named Inventor	Stephen F. Smith, et al.
		Examiner Name	Unknown
		Art Unit	Unknown
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No.	UBAT1420
TOTAL AMOUNT OF PAYMENT (\$)		770.00	

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																					
<input checked="" type="checkbox"/> Check	<input type="checkbox"/> Credit Card	3. ADDITIONAL FEES																																					
Deposit Account Number: 50-0456																																							
Deposit Account Name: Gray Cary Ware & Freidenrich LLP																																							
The Commissioner is authorized to: (check all that apply)																																							
<input type="checkbox"/> Charge (fees) indicated below. <input checked="" type="checkbox"/> Credit any overpayments																																							
<input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application																																							
<input type="checkbox"/> Charge fee(s) indicated below, except for filing fee to the above-identified deposit account.																																							
FEE CALCULATION																																							
1. BASIC FILING FEE																																							
<table border="1"><thead><tr><th>Large Entity</th><th>Small Entity</th><th>Fee Code</th><th>Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1001</td><td>2001</td><td>770</td><td>375</td><td>Utility filing fee</td><td>770.00</td></tr><tr><td>1002</td><td>2002</td><td>330</td><td>165</td><td>Design filing fee</td><td></td></tr><tr><td>1003</td><td>2003</td><td>520</td><td>260</td><td>Plant filing fee</td><td></td></tr><tr><td>1004</td><td>2004</td><td>750</td><td>375</td><td>Reissue filing fee</td><td></td></tr><tr><td>1005</td><td>2005</td><td>160</td><td>80</td><td>Provisional filing fee</td><td></td></tr></tbody></table>		Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid	1001	2001	770	375	Utility filing fee	770.00	1002	2002	330	165	Design filing fee		1003	2003	520	260	Plant filing fee		1004	2004	750	375	Reissue filing fee		1005	2005	160	80	Provisional filing fee			
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SUBTOTAL (1) (\$) 770.00																																							
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE																																							
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SUBTOTAL (2) (\$) 0.00																																							
**or number previously paid, if greater; For Reissues, see above																																							
		Other fee (specify)																																					
		SUBTOTAL (3) (\$)																																					

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	John J. Brockner	Registration No. (Attorney/Agent)	35,816
Signature		Telephone	512-457-7233
		Date	Dec. 3, 2003

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Gray Cary/AUW118508.1



UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for nonprovisional applications under 37 CFR § 1.53(b))</small>		Attorney Docket No. UBAT1420	
		First Inventor or Application Identifier Stephen F. Smith, et al.	
		Title MULTIDIMENSIONAL SIGNAL MODULATION AND/OR DEMODULATION FOR DATA COMMUNICATIONS	
		Express Mail Label No. EV338102577US	
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.		ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
1. <input checked="" type="checkbox"/> Fee Transmittal for FY 2003 <small>(Submit an original and a duplicate for fee processing)</small>		6. <input type="checkbox"/> Microfiche Computer Program (Appendix)	
2. <input checked="" type="checkbox"/> Specification [Total Pages] 67 <small>(preferred arrangement set forth below)</small> <input checked="" type="checkbox"/> Descriptive Title of the Invention <input checked="" type="checkbox"/> Cross References to Related Applications <input checked="" type="checkbox"/> Background of the Invention <input checked="" type="checkbox"/> Summary of the Invention <input checked="" type="checkbox"/> Brief Description of the Drawings (if filed) <input checked="" type="checkbox"/> Description of Preferred Embodiments <input checked="" type="checkbox"/> References <input checked="" type="checkbox"/> Claim(s) <input checked="" type="checkbox"/> Abstract of the Disclosure		7. Nucleotide and Amino Acid Sequence Submission <small>(if applicable, all necessary)</small> a. <input type="checkbox"/> Computer-Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies	
3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets] 13		ACCOMPANYING APPLICATION PARTS	
4. <input type="checkbox"/> Oath or Declaration [Total Pages] a. <input type="checkbox"/> Unexecuted (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 17 completed)</small> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)		8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small> 10. <input type="checkbox"/> English Translation Document (if applicable) 11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 12. <input type="checkbox"/> Preliminary Amendment 13. <input checked="" type="checkbox"/> Return Receipt Postcard 14. <input type="checkbox"/> Small Entity <input type="checkbox"/> Statement filed in prior application, Status still proper and desired 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small> 16. <input checked="" type="checkbox"/> Other: Certificate of Mailing; Filing Fee	
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-In-Part (CIP) of prior Application No.: _____ Prior application information: Examiner _____ Group / Art Unit _____			
<input type="checkbox"/> Claims the benefit of Provisional Application No. _____			
CORRESPONDENCE ADDRESS:			
Gray Cary Ware & Freidenrich LLP 1221 South MoPac Expressway, Suite 400 Austin, TX 78746-6875 Tel. (512) 457-7233 Fax. (512) 457-7001		Customer No. : 25094	

TYPED or PRINTED NAME **John J. Bruckner**

SIGNATURE

REGISTRATION NO. **35,816**DATE: **December 3, 2003**
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